



**CONTINUING ELIGIBILITY INSPECTION (CEI) REPORT
FOR FLOOD CONTROL WORKS (NON-FEDERAL)**
Honolulu Engineer District
CEPOH-EC-T

Keopu07rpt-fcw.doc

1. Project Name: **Keōpū Stream Flood Control Project**

2. Date of Inspection: August 7, 2007

3. Inspection Personnel:

<u>Name</u>	<u>Agency/Office</u>	<u>Telephone No.</u>
a. Dan Meyers	COE/Civil Works Technical Branch	438-8875
b. Dale Gomes	County of Hawai'i DPW Road Maintenance Division Kona	322-2877
c. Joel Hendrix	COE/Emergency Management	438-1011
d. Lincoln Gayagas	COE/Emergency Management	438-1981

4. FY 07 CEI Rating:

IAW ER 500-1-1 (dated 30 September 2001) and based on this CEI:

Project Condition Code: **ACCEPTABLE**

Project Status: **ACTIVE**

5. Discussion:

Inspection was conducted on the Non-Federal Keōpū Stream Flood Control Project. The project is concrete lined only at the top of the channel near Māmalahoa Highway Bridge. The remainder is an unlined lava rock rectangular channel, approximately a mile long. The project runs adjacent Keōpū Heights subdivision (Hiona Street). It begins at Māmalahoa Highway Bridge and ends at bottom of the subdivision at the Keōpū Stream Outlet Sediment Basin and 30'± Earthen Berm Structure with 24" bleeder pipe. See enclosed map.

The project was damaged by an earthquake and subsequent flooding in October 2006. A Project Information Report is currently being prepared by CEPOH-EC-T. Deficiencies were brought to the attention of the County of Hawai'i representative and are listed below that would not be identified in the possible PL84-99 repairs.



a. Sta. 0+00, Top of Project, Upstream of Māmalahoa Highway Bridge.
Remove vegetation and debris from top of channel.



b. Damage upstream of Ohana St. Bridge.



c. Sta. 18+48, Ohana St. Bridge, Typical of channel debris to be removed.



d. Sta. 33+58, Keneti St. Bridge, overview above bridge.



e. Sta. 51+00, Overview of Downstream End of Channel



f. Sta. 63+00, Overview of Outlet Sediment Basin, remove all woody vegetation from 30' earthen berm.



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6. Findings/Conclusions:

In accordance with ER 500-1-1, (dtd 30 September 2001), and based on this CEI, the Project is rated SATISFACTORY, Project Condition Code is ACCEPTABLE and the project is considered ACTIVE in the Rehabilitation and Inspection Program.

Signed: _____
Dan Meyers, CEPOH-EC-T

Signed: _____
James Pennaz, P.E., Chief, CEPOH-EC-T

Enclosure(s)
Site Plan



PROJECT LOCATION

LOCATION MAP

TM K 3RD DIV 7-5-24
NOT TO SCALE

PL99 ELIGIBILITY EVALUATION
COUNTY OF HAWAII
KEOPIU HEIGHTS SUBDIVISION
CHANNEL IMPROVEMENTS

FIGURE 1